

**Amendments to the Claims:**

**Listing of the Claims:**

1. (currently amended) A high density magnetic recording medium using a FePtC thin film, which comprises an information recording unit and an information storing unit to magnetically record information using the information recording unit, wherein the information storing unit comprises a FePtC thin film manufactured by simultaneously depositing iron (Fe), platinum (Pt), and carbon (C) on a substrate, and said FePtC thin film contains 25 volume % carbon, a coercivity of 4.4 kOe, a grain size of 5 nanometers to 5.2 nanometers, and a uniform grain size distribution.

2-10. (cancelled).